Cubby

TOXNET

Related Resources

Order Documents NLM Gateway

Consumer Health

PubMed Central

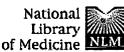
Privacy Policy

Clinical Alerts ClinicalTrials.gov

Ł







Nucleotide Protein -Taxonomy OMIM[®] Вс PubMed Genome Search PubMed \triangle for Details Limits Preview/Index History Clipboard About Entrez Abstract Text V Display Show: 20 Sort Send to **Text Version** □ 1: Adv Exp Med Biol 1997;417:83-90 Related Articles, Links Entrez PubMed Overview Regulation of CD44 isoform expression and CD44-mediated Help | FAQ Tutorial signaling in human dendritic cells. New/Noteworthy E-Utilities Haegel-Kronenberger H, de la Salle H, Bohbot A, Galon J, Tartour E, Cazenave JP, Hanau D. **PubMed Services** Journals Database MeSH Browser INSERM CJF 94-03, Strasbourg, France. Single Citation Matcher **Batch Citation Matcher** Clinical Queries Dendritic cells (DCs) express CD44, a cell surface receptor for the LinkOut

extracellular matrix ligand hyaluronate, involved in cell-cell interactions and cell migration. Besides the "standard" form of CD44, a variety of splice variants contain an additional extracellular region encoded by 10 "variable" exons termed v1 to v10. The standard form of CD44 as well as variants containing exon v6 (CD44v6) are known to play important roles in the immune system, yet largely unexplored in the DC lineage. In this study, we examined the regulation of CD44 isoforms in human DCs derived from monocytes cultivated in the presence of GM-CSF and IL-4. We found that v3, v6 and v9 variants are all up-regulated upon TNF-alpha stimulation of DCs. In addition, we show that stimulation of DCs using anti-CD44 mAbs can induce DC agregation, up-regulation of accessory molecule expression and secretion of cytokines. A mAb directed against CD44v6 variants was

PMID: 9286342 [PubMed - indexed for MEDLINE]

shown to mediate some of these effects.

Display Abstract Show: 20 Sort Send to Text

Write to the Help Desk
NCBI | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

i686-pc-linux-gnu Jan 21 2003 17:57:06

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92863... 1/29/03